

EXHIBIT 1



Sequence Revision History

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Revision history for X52066

GI	Version	Update Date	Status	I	II
40381	1	Aug 8 2003 11:51	Live		
40381	1	Oct 17 2002 3:35	Dead		
40381	1	Mar 8 1999 4:30	Dead		
40381	1	May 26 1996 2:31	Dead		
40381	1	May 21 1995 4:23	Dead		
40381	1	Nov 30 1994 11:08	Dead		
40381	1	Aug 31 1993 1:05	Dead		
40381	1	Apr 21 1993 8:19	Dead		

Accession X52066 was first seen at NCBI on Apr 21 1993 8:19

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Features

1: [X52066](#). *Clostridium botul*...[gi:40381]

Links

LOCUS CBBOTAG 4292 bp DNA linear BCT 12-SEP-1993
 DEFINITION *Clostridium botulinum* botA gene for type A neurotoxin.
 ACCESSION X52066 X52088
 VERSION X52066.1 GI:40381
 KEYWORDS botA gene; neurotoxin; secreted protein.
 SOURCE *Clostridium botulinum*
 ORGANISM *Clostridium botulinum*
 Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae;
 Clostridium.
 REFERENCE 1 (bases 1 to 4292)
 AUTHORS Thompson,D.E., Brehm,J.K., Oultram,J.D., Swinfield,T.J.,
 Shone,C.C., Atkinson,T., Melling,J. and Minton,N.P.
 TITLE The complete amino acid sequence of the *Clostridium botulinum* type
 A neurotoxin, deduced by nucleotide sequence analysis of the
 encoding gene
 JOURNAL Eur. J. Biochem. 189 (1), 73-81 (1990)
 MEDLINE [90235864](#)
 PUBMED [2185020](#)
 REFERENCE 2 (bases 1 to 4292)
 AUTHORS Minton,N.P.
 TITLE Direct Submission
 JOURNAL Submitted (08-JAN-1990) Minton N.P., PHLS Centre for Applied
 Microbiology & Research, Molecular Genetics Group, Division of
 Biotechnology, Porton Down, Salisbury SP4 0JG Wiltshire, U K
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